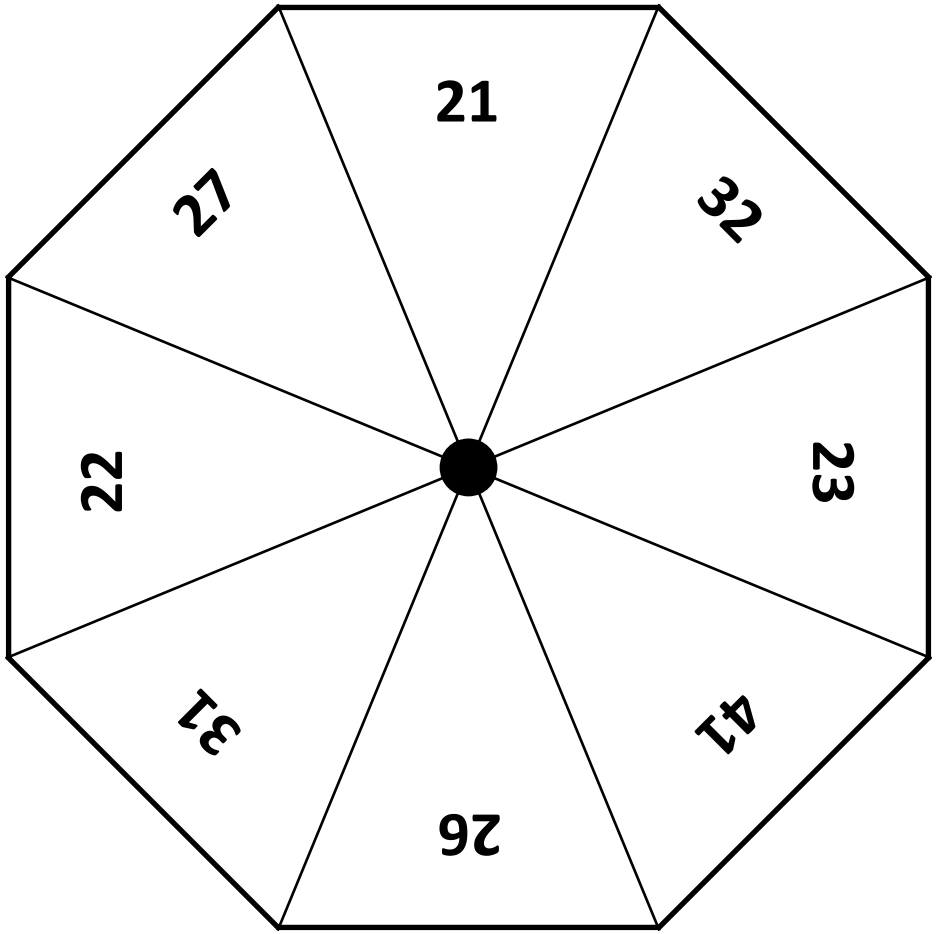
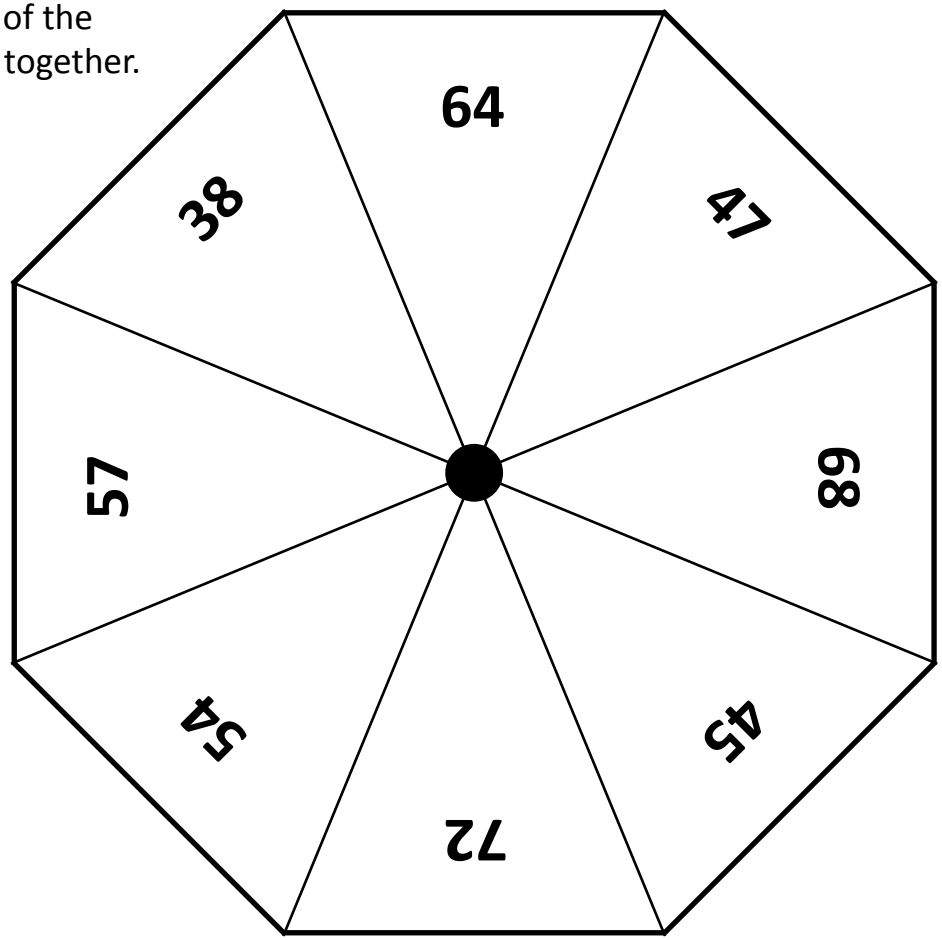
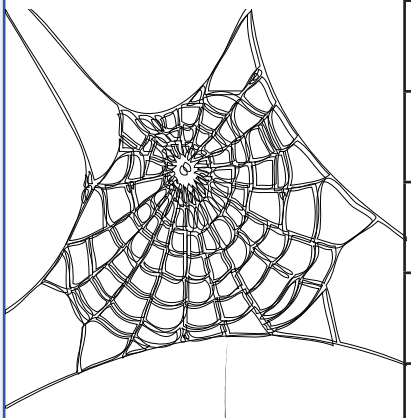
2-Digit Number Spinners

Put a paperclip on your pencil and the pencil point on the middle of the spinner, spin the clip on each spinner to find two numbers to add together.





Adding pairs of 2-digit numbers



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Draw a line to show how spider and fly help you to work out these additions.

1. 54+21=
2. 72+22=
3. 54+35=
4. 12+77=
5. 23+55=
6. 43+21=
7. 32+47=
8. 28+12=

Adding two amounts of money

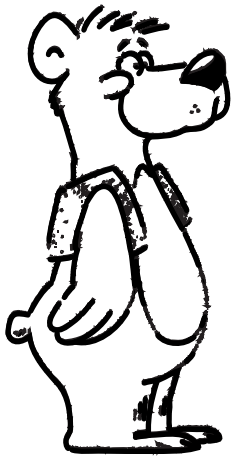
You have £1 pocket money to spend, which two items can you buy?

70p

27p

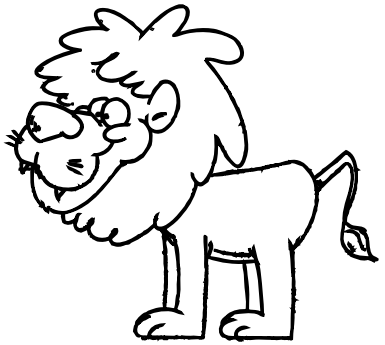
73p

23p



41p

59p



Is there more than 1 solution?

Adding 2-digit numbers

1. 36 + 23 =
2. 54 + 24 =
3. 67 + 21 =
4. 65 + 25 =

5. 36 + 47 + 54 =
6. 42 + 28 + 38 =
7. 53 + 27 + 41 =
8. 52 + 62 + 38 =
9. 42 + 37 + 48 =
10. 55 + 32 + 25 =

11. Ellie bought a skateboard for £45, a helmet for £24 and knee pads for £19.
    How much did she spend altogether?
12. Daniel bought roller skates for £56, a helmet for £24 and arm pads for £21.
    How much did he spend altogether?

13. 146 + 58 + 47 =
14. 241 + 27 + 18 =
15. 135 + 28 + 36 =
16. 127 + 54 + 31 =

Subtracting Near Multiples

Subtracting Near Multiples

Mark these number sentences

58p - 9p = 48p

32p - 11p = 23p

41p - 11p = 30p

54p - 9p = 45p

Pairs to 100

100	
50	?

100	
80	?

100	
95	?

100	
75	?

100	
85	?

100	
89	?

100	
65	?

100	
67	?

100	
25	?

100	
78	?

100	
57	?

100	
63	?

Subtracting any pair of 2-digit numbers

Pick two snakes and work out the difference in their length.
Work out as many as you can.
Which pair have the biggest difference, which pair have the smallest?

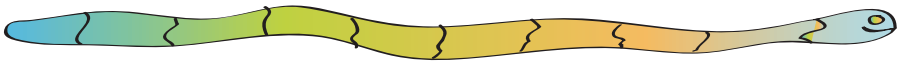
82cm

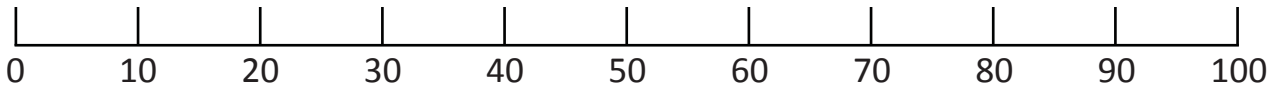
58cm

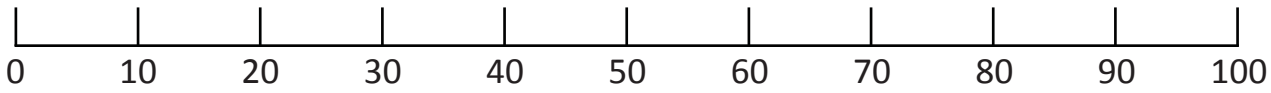
75cm

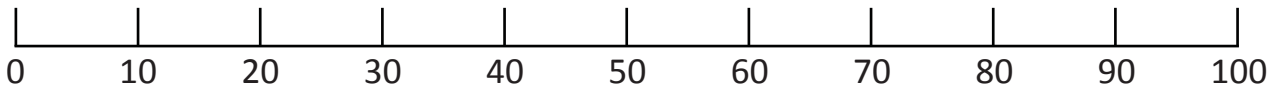
49cm

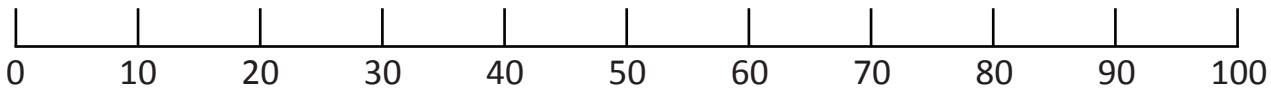
71cm







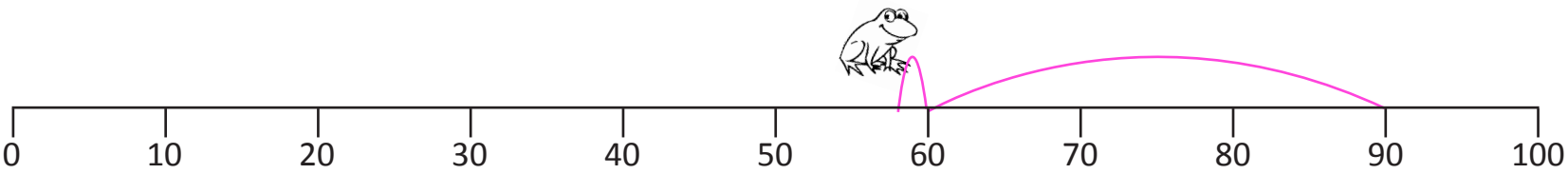




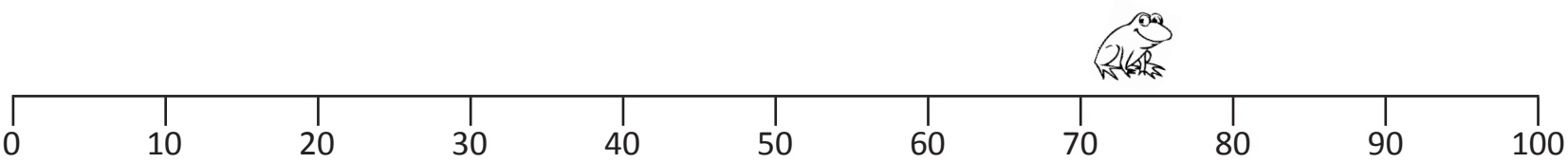
Subtracting any pair of 2-digit numbers

Help Frog to work these subtractions out.

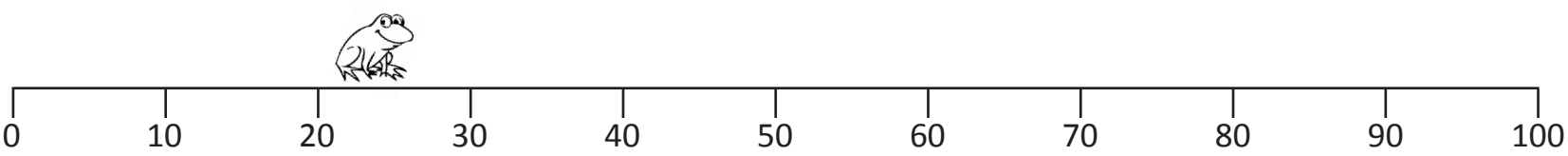
90 - 58 =



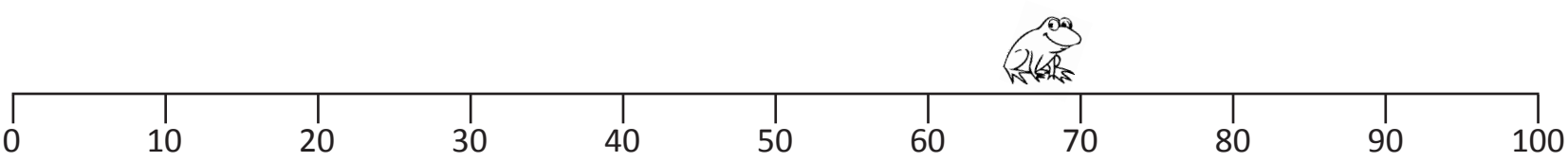
80 - 72 =



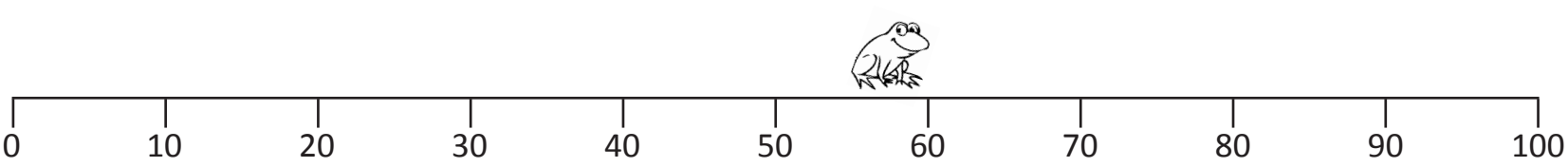
50 - 24 =



75 - 67 =



83 - 58 =



Subtracting any pair of 2-digit numbers

Dog	Length in January	Length in March
Mutley	57cm	75cm
Fido	29cm	42cm
Snowy	36cm	54cm
Spot	68 cm	83cm
Ricky	45cm	67cm

Strategies for subtracting pairs of 2-digit numbers

Which strategy will you use? **Frog** or **Counting Back**?
Write these two headings in your book, and write the subtractions under each. Work out each answer.

58 - 11 =

88 - 75 =

77 - 9 =

45 - 13 =

34 - 21 =

95 - 33 =

98 - 49 =

98 - 14 =

74 - 37 =

Can you put some more examples into each column?

Maths Answers - Spring Year 3

Week 2:

2-Digit Number Spinners

64 + 21 = **47**	47 + 21 = **68**	68 + 21 = **89**	45 + 21 = **66**
64 + 32 = **49**	47 + 32 = **79**	68 + 32 = **100**	45 + 32 = **77**
64 + 23 = **48**	47 + 23 = **70**	68 + 23 = **91**	45 + 23 = **68**
64 + 41 = **50**	47 + 41 = **88**	68 + 41 = **109**	45 + 41 = **86**
64 + 26 = **54**	47 + 26 = **73**	68 + 26 = **94**	45 + 26 = **71**
64 + 31 = **53**	47 + 31 = **78**	68 + 31 = **99**	45 + 31 = **76**
64 + 22 = **52**	47 + 22 = **69**	68 + 22 = **90**	45 + 22 = **67**
64 + 27 = **91**	47 + 27 = **74**	68 + 27 = **95**	45 + 27 = **72**

72 + 21 = **47**	54 + 21 = **75**	57 + 21 = **78**	38 + 21 = **59**
72 + 32 = **49**	54 + 32 = **86**	57 + 32 = **89**	38 + 32 = **70**
72 + 23 = **48**	54 + 23 = **77**	57 + 23 = **80**	38 + 23 = **61**
72 + 41 = **50**	54 + 41 = **95**	57 + 41 = **98**	38 + 41 = **79**
72 + 26 = **54**	54 + 26 = **80**	57 + 26 = **83**	38 + 26 = **64**
72 + 31 = **53**	54 + 31 = **85**	57 + 31 = **88**	38 + 31 = **69**
72 + 22 = **52**	54 + 22 = **76**	57 + 22 = **79**	38 + 22 = **60**
72 + 27 = **91**	54 + 27 = **81**	57 + 27 = **84**	38 + 27 = **65**

Adding pairs of 2-digit numbers

1. 54 + 21 = **75**
2. 72 + 22 = **94**
3. 54 + 35 = **89**
4. 12 + 77 = **89**
5. 23 + 55 = **78**
6. 43 + 21 = **64**
7. 32 + 47 = **79**
8. 28 + 12 = **40**

Adding two amounts of money

Possible combinations:-

Dog & Fox	73p + 27p = **£1**
Dog & Bear	73p + 23p = **96p**
Mouse & Fox	70p + 27p = **97p**
Mouse & Bear	70p + 23p = **93p**
Lion & Ostrich	59p + 41p = **£1**
Lion & Fox	59p + 27p = **86p**
Lion & Bear	59p + 23p = **82p**
Ostrich & Fox	41p + 27p = **68p**
Ostrich & Bear	41p + 23p = **64p**
Fox & Bear	27p + 23p = **50p**

Adding 2-digit numbers

1. 36 + 23 = **59**
2. 54 + 24 = **78**
3. 67 + 21 = **88**
4. 65 + 25 = **90**

5. 36 + 47 + 54 = **137**
6. 42 + 28 + 38 = **108**
7. 53 + 27 + 41 = **121**
8. 52 + 62 + 38 = **152**
9. 42 + 37 + 48 = **127**
10. 55 + 32 + 25 = **112**

11. £45 + £24 + £19 = **£88**
12. £56 + £24 + £21 = **£101**

13. 146 + 58 + 47 = **251**
14. 241 + 27 + 18 = **286**
15. 135 + 28 + 36 = **199**
16. 127 + 54 + 31 = **212**

Subtracting Near Multiples

Price	**-19p**	**-21p**	**-11p**	**-9p**	**-29p**	**-31p**	**-12p**
78p	59p	57p	67p	69p	49p	47p	66p
45p	26p	24p	34p	36p	16p	14p	33p
87p	68p	66p	76p	78p	58p	56p	75p
54p	35p	33p	43p	45p	25p	23p	42p
42p	23p	21p	31p	33p	13p	11p	30p
92p	73p	71p	81p	83p	63p	61p	80p
85p	66p	64p	74p	76p	56p	54p	73p
43p	24p	22p	32p	34p	14p	12p	31p
73p	54p	52p	62p	64p	44p	42p	61p
98p	79p	77p	87p	89p	69p	67p	86p
48p	29p	27p	37p	39p	19p	17p	36p
52p	33p	31p	41p	43p	23p	21p	40p
75p	56p	54p	64p	66p	46p	44p	63p
80p	61p	59p	69p	71p	51p	49p	68p
94p	75p	73p	83p	85p	65p	63p	82p
63p	44p	42p	52p	54p	34p	32p	51p
71p	52p	50p	60p	62p	42p	40p	59p
88p	69p	67p	77p	79p	59p	57p	76p
42p	23p	21p	31p	33p	13p	11p	30p
74p	55p	53p	63p	65p	45p	43p	62p

Mark these number sentences

58p - 9p = **49p**
32p - 11p = **21p**
41p - 11p = **30p (Correct)**
54p - 9p = **45p (Correct)**

Subtracting any pair of 2-digit numbers

82cm - 75cm = **7cm**
82cm - 71cm = **11cm**
82cm - 58cm = **24cm**
82cm - 49cm = **33cm**
75cm - 71cm = **4cm**
75cm - 58cm = **17cm**
75cm - 49cm = **26cm**
71cm - 58cm = **13cm**
71cm - 49cm = **22cm**
58cm - 49cm = **9cm**

Subtracting any pair of 2-digit numbers

90 - 58 = **32**
80 - 72 = **8**
50 - 24 = **26**
75 - 31 = **44**
83 - 58 = **25**

Subtracting any pair of 2-digit numbers

Mutley	75cm - 57cm = **18cm**
Fido	42cm - 29cm = **13cm**
Snowy	54cm - 36cm = **18cm**
Spot	83cm - 68cm = **15cm**
Ricky	67cm - 45cm = **22cm**

Strategies for subtracting pairs of 2-digit numbers

58 - 11 = **47**
88 - 75 = **13**
77 - 9 = **68**
45 - 13 = **32**
34 - 21 = **13**
95 - 33 = **62**
98 - 49 = **49**
98 - 14 = **84**
74 - 37 = **37**